| FORM PTO | Patent and Trademark Office P30044 | | | | | | | | | | | | Application No. 10/596,177 | | | |
|------------------------|------------------------------------|-----------------|----------------|--------------|---------------|--------------|------|---------------------------|-----------------------------------|-------------------|--|---------------------------------------|-------------------------------|-------------------------|----------------------------|--|
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| | se several sheets if necessa | | | | | | | SEP 1 3 2006 J.A. Filed D | | | | | | roup ot Yet Assigned | | |
| | | | | | | | | | U.S. PATER | IT DOCOM | ENTS | | | | | |
| EXAMINER | | DOCUMENT NUMBER | | | | | | | U.S. PATENT DOCUMENTS DATE NAME | | | CLASS | CUDO | | FILING DATE IF APPROPRIATE | |
| INITIAL /LV/ | 2003 / | 0 | 1 | 7 | 1 | 0 | 7 | 5 | 09/11/03 | NIHONMATSU et al. | | | SUBC | LASS | IF APPR | OPRIATE |
| 1 | | 5 | 8 | 9 | 9 | 7 | 3 | 1 | 05/04/99 | KAI et al | | | | | | |
| | | 6 | 0 | 4 | 3 | 1 | 5 | 6 | 03/28/00 | KAI et al | • | | | | | |
| V | | 5 | 9 | 6 | 3 | 8 | 2 | 1 | 10/05/99 | KAI et al | | | | | | |
| /LV/ | 2003 / | 0 | 1 | 0 | 4 | 6 | 9 | 8 | 06/05/03 | TANIGU | CHI et al. | | | | | |
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| /LV/ | 2002 | - | 2 | 0 | 3 | 8 | 2 | 3 | 07/19/02 | JAPAN | | | | | | |
| | 2003 | _ | 0 | 7 | 7 | 8 | 7 | 5 | 03/14/03 | JAPAN | | | | | Х | |
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| | 2003 | - | 2 | 0 | 3 | 8 | 9 | 0 | 07/18/03 | JAPAN | | | | | X | |
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| | , | | | 01 | THEF | R DO | CUM | ENT | S (Including A | uthor, Title, | Date, Pertin | ent Pages, Etc | :.) | L | | |
| | | En | ıglisl | h La | ngu | age | Abs | strac | t of JP 2003 | -077875. | | | | | | |
| - | | En | ıglisl | n La | ngu | age | Abs | strac | t of JP 2003 | -203890. | ······································ | | | | | |
| /LV/ | | En | ıglisl | n La | ngu | age | Abs | strac | t of JP 2003 | -100701. | | · · · · · · · · · · · · · · · · · · · | | | | |
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| *EXAMINE if not in cor | R: Initial if | cita | ition I noi | con t cor | side rside | ered ered | , wh | ethe | er or not cital | tion is in o | conformance th next con | e with MPE | P 609: c | draw lin | | ı citation |